

Ertan Onur

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

942
citations

759233

12
h-index

552781

26
g-index

57
all docs

57
docs citations

57
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Fairness in Wireless Networks: Issues, Measures and Challenges. IEEE Communications Surveys and Tutorials, 2014, 16, 5-24.	39.4	300
2	Wake-up receivers for wireless sensor networks: benefits and challenges. IEEE Wireless Communications, 2009, 16, 88-96.	9.0	176
3	Surveillance Wireless Sensor Networks: Deployment Quality Analysis. IEEE Network, 2007, 21, 48-53.	6.9	85
4	How many sensors for an acceptable breach detection probability?. Computer Communications, 2006, 29, 173-182.	5.1	40
5	Lifetime extension for surveillance wireless sensor networks with intelligent redeployment. Journal of Network and Computer Applications, 2011, 34, 1784-1793.	9.1	27
6	Measurement-based replanning of cell capacities in GSM networks. Computer Networks, 2002, 39, 749-767.	5.1	23
7	PLGAKD: A PUF-Based Lightweight Group Authentication and Key Distribution Protocol. IEEE Internet of Things Journal, 2021, 8, 5682-5696.	8.7	22
8	Density-Aware, Energy- and Spectrum-Efficient Small Cell Scheduling. IEEE Access, 2019, 7, 65852-65869.	4.2	18
9	Energy-aware routing algorithms for wireless ad hoc networks with heterogeneous power supplies. Computer Networks, 2011, 55, 3256-3274.	5.1	17
10	Cooperative Density Estimation in Random Wireless Ad Hoc Networks. IEEE Communications Letters, 2012, 16, 331-333.	4.1	17
11	Surveillance with wireless sensor networks in obstruction: Breach paths as watershed contours. Computer Networks, 2010, 54, 428-441.	5.1	16
12	Improving 60 GHz Indoor Connectivity with Relaying. , 2010, , .		16
13	Evaluation of terahertz channel in data centers. , 2016, , .		16
14	Realistic simulation of IEEE 802.11p channel in mobile Vehicle to Vehicle communication. , 2013, , .		14
15	Quality of Deployment in Surveillance Wireless Sensor Networks. International Journal of Wireless Information Networks, 2005, 12, 61-67.	2.7	12
16	Sector Scanning Attempts for Non-Isolation in Directional 60 GHz Networks. IEEE Communications Letters, 2010, 14, 845-847.	4.1	11
17	An Investigation of Link Quality Assessment for Mobile Multi-hop and Multi-rate Wireless Networks. Wireless Personal Communications, 2012, 65, 405-423.	2.7	11
18	Security attacks and countermeasures in Surveillance Wireless Sensor Networks. , 2015, , .		10

#	ARTICLE	IF	CITATIONS
19	Density-aware mobile networks: Opportunities and challenges. Computer Networks, 2020, 175, 107271.	5.1	8
20	Analysis of Target Detection Probability in Randomly Deployed Sensor Networks. IEEE Communications Letters, 2007, 11, 778-780.	4.1	7
21	Redeployment Based Sensing Hole Mitigation in Wireless Sensor Networks. , 2009, , .		7
22	A Novel Link Quality Assessment Method for Mobile Multi-Rate Multi-Hop Wireless Networks. , 2009, , .		7
23	Mobile tethering: overview, perspectives and challenges. Info, 2014, 16, 40-53.	1.2	7
24	Coverage in Sensor Networks When Obstacles Are Present. , 2006, , .		6
25	Cooperative Communications in Future Home Networks. Wireless Personal Communications, 2010, 53, 349-364.	2.7	6
26	Smart neighbor scanning with directional antennas in 60 GHz indoor networks. , 2010, , .		6
27	Semantic edge caching and prefetching in 5G. , 2017, , .		6
28	Multi-Connectivity Enabled User Association. , 2019, , .		6
29	60 GHz PHY Performance Evaluation with 3D Ray Tracing under Human Shadowing. IEEE Wireless Communications Letters, 2012, 1, 117-120.	5.0	5
30	Service Knowledge Discovery in Smart Machine Networks. Wireless Personal Communications, 2015, 81, 1455-1480.	2.7	5
31	Density-aware cell zooming. , 2018, , .		5
32	Intra- and inter-cluster link scheduling in CUPS-based ad hoc networks. Computer Networks, 2021, 185, 107659.	5.1	5
33	Intelligent End-To-End Resource Virtualization Using Service Oriented Architecture. , 2009, , .		3
34	Estimating density of wireless networks in practice. , 2015, , .		3
35	Density-aware cellular coverage control: Interference-based density estimation. Computer Networks, 2019, 165, 106922.	5.1	3
36	WIRELESS SENSOR NETWORKS FOR SECURITY: ISSUES AND CHALLENGES. , 2006, , 95-119.		3

#	ARTICLE	IF	CITATIONS
37	Finding Breach Paths Using the Watershed Segmentation Algorithm in Surveillance Wireless Sensor Networks. Lecture Notes in Computer Science, 2004, , 363-372.	1.3	2
38	Imitation as the simplest strategy for cooperation. , 2012, , .		2
39	Plane-separated routing in ad-hoc networks. Wireless Networks, 2022, 28, 331-353.	3.0	2
40	Users, Economics, Technology: Unavoidable Interdynamics. Wireless Personal Communications, 2010, 53, 437-442.	2.7	1
41	On the resilience of personal networks. , 2010, , .		1
42	Collaborative and Cognitive Network Platforms: Vision and Research Challenges. Wireless Personal Communications, 2011, 58, 71-93.	2.7	1
43	Event-Driven MAC Protocol for Dual-Radio Cooperation. , 2012, , .		1
44	Density-Aware Probabilistic Clustering in Ad Hoc Networks. , 2018, , .		1
45	Density-aware power allocation in mobile networks using edge computing. , 2018, , .		1
46	Density-Aware Outage in Clustered Ad Hoc Networks. , 2018, , .		1
47	Sensor Deployment, Self-Organization, and Localization. , 0, , 11-90.		0
48	Temporal Resilience of Deployment Quality in Surveillance Wireless Sensor Networks. , 2008, , .		0
49	On the smoothing factor for rate adaptation in IEEE 802.11b/g mobile multi-hop networks. , 2009, , .		0
50	Cooperative networks. , 2012, , .		0
51	Sybil-Resistant Meta Strategies for the Forwarder's Dilemma. , 2014, , .		0
52	Revisiting Shamir's No-Key Protocol: Lightweight Key Transport. , 2017, , .		0
53	Bio-inspired bandwidth packing. , 2017, , .		0
54	A software-defined network based lightweight cluster. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Content Placement Problem in a Hierarchical Collaborative Caching method for 5G networks (CPP-HCC)., 2020, , .		0
56	Revisiting Slotted ALOHA: Density Adaptation in FANETs. Wireless Personal Communications, 0, , 1.	2.7	0